

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120120AR\
 Data File : FD035722.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2020 12:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Ankita
 12/2/2020 9:50:54 AM

Integration File: autoint1.e
 Quant Time: Dec 02 01:54:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.608	2784404	21.848 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
6) S 2-Fluorobiphenyl (SURR)	8.474	1869607	21.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.13%
11) S ortho-Terphenyl (SURR)	11.509	3185939	21.527 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	3130373	21.616 ug/ml
2) T Naphthalene (C11.7)	5.946	3251900	21.622 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3240378	21.474 ug/ml
5) T Acenaphthylene (C15.06)	8.274	3139838	21.451 ug/ml
7) T Acenaphthene (C15.5)	8.569	3310355	21.866 ug/ml
8) T Fluorene (C16.55)	9.351	3111917	21.680 ug/ml
9) T Phenanthrene (C19.36)	10.748	3071800	21.601 ug/ml
10) T Anthracene (C19.43)	10.825	3081461	21.539 ug/ml
12) T Fluoranthene (C21.85)	12.562	3009222	21.583 ug/ml
13) T Pyrene (C20.8)	12.859	2842152	20.986 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2511829	21.599 ug/ml
15) T Chrysene (C27.41)	14.774	2795282	21.867 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2387765	22.074 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.317	2443255	22.018 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2179877	22.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2069484	21.395 ug/mlm
20) T Dibenz[a,h]anthracene...	18.068	2371226	22.985 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2198764	22.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

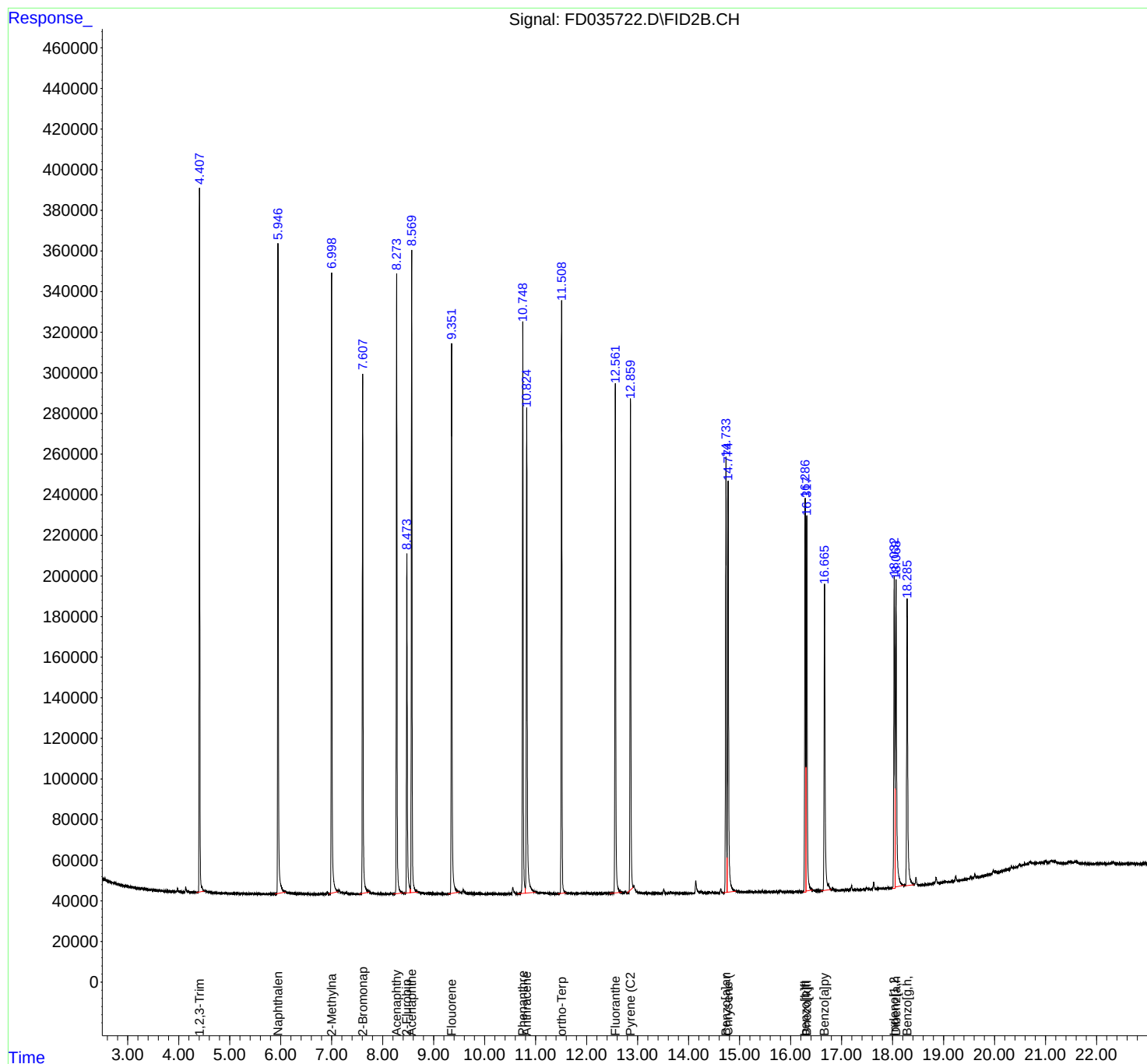
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

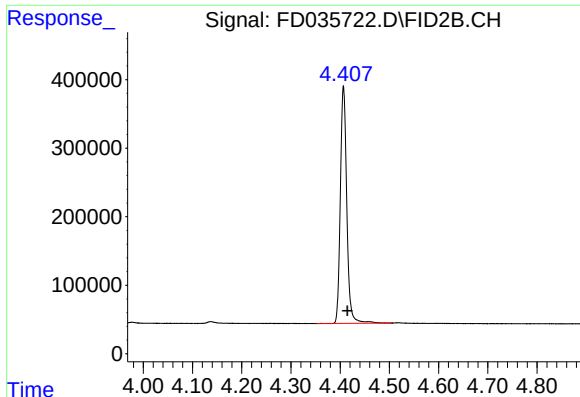
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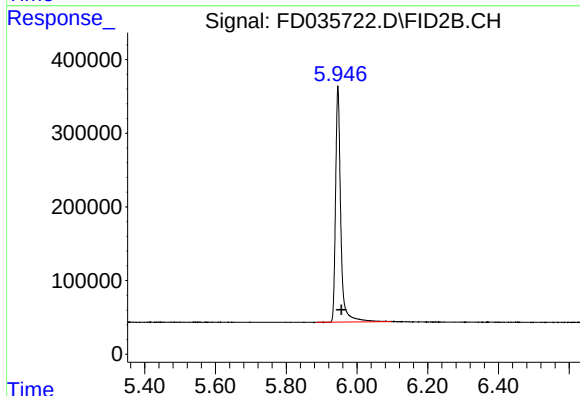
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min
Delta R.T.: -0.008 min
Response: 3130373
Conc: 21.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

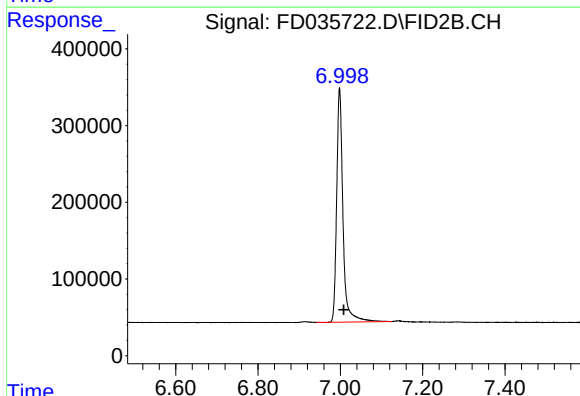
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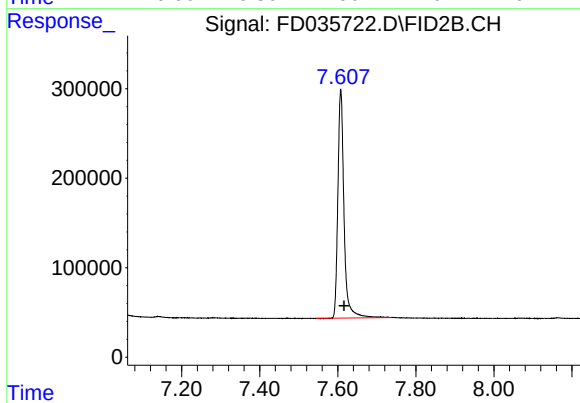
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.010 min
Response: 3251900
Conc: 21.62 ug/ml



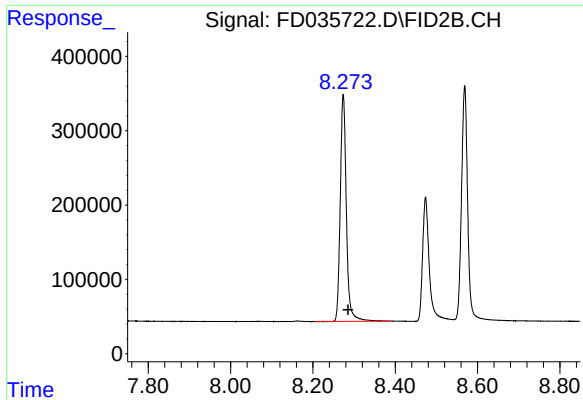
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.010 min
Response: 3240378
Conc: 21.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 2784404
Conc: 21.85 ug/ml



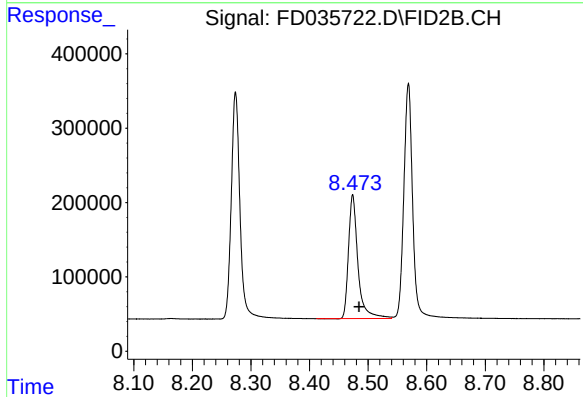
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 3139838
Conc: 21.45 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

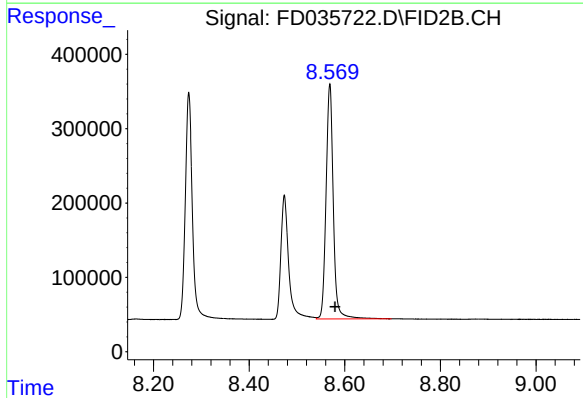
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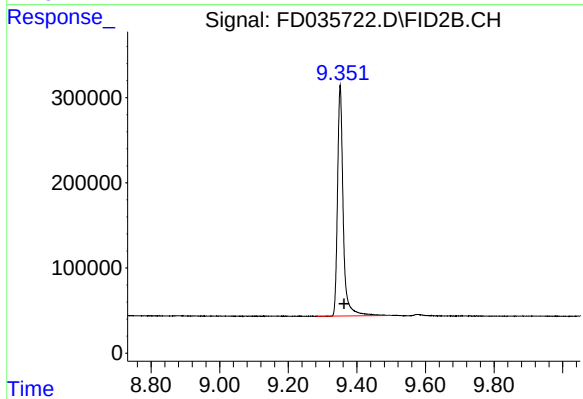
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.011 min
Response: 1869607
Conc: 21.56 ug/ml



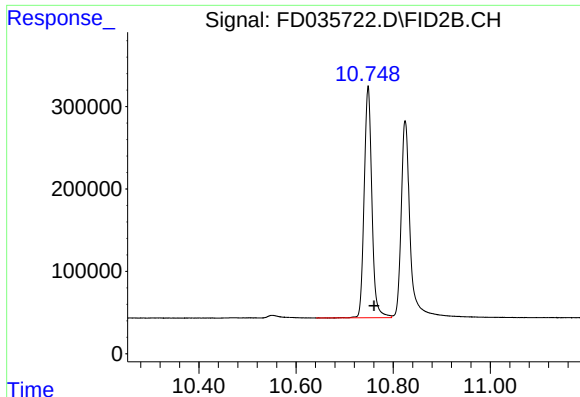
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.011 min
Response: 3310355
Conc: 21.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.351 min
Delta R.T.: -0.011 min
Response: 3111917
Conc: 21.68 ug/ml



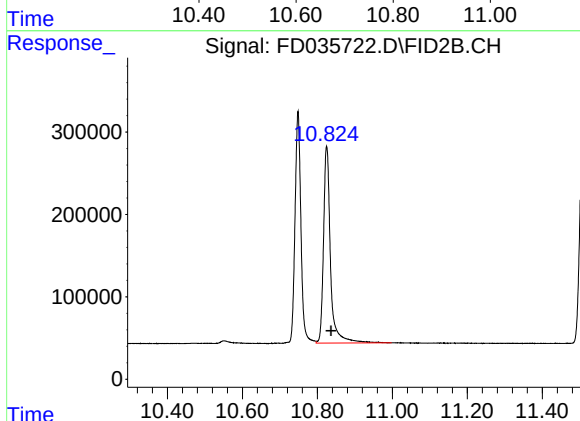
#9 Phenanthrene (C19.36)

R.T.: 10.748 min
Delta R.T.: -0.013 min
Response: 3071800
Conc: 21.60 ug/ml

Instrument :
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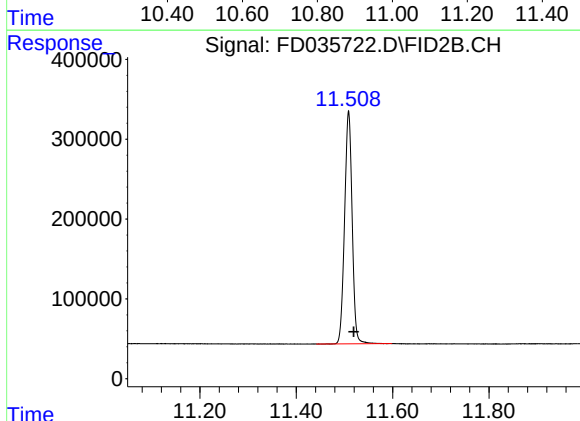
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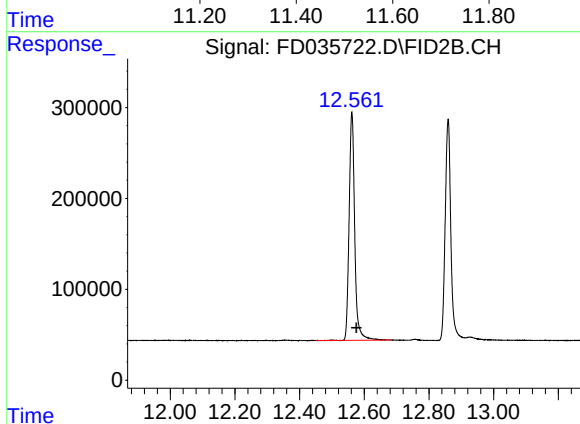
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.012 min
Response: 3081461
Conc: 21.54 ug/ml



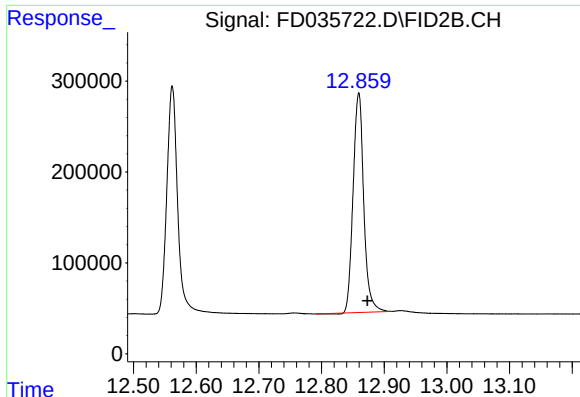
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.011 min
Response: 3185939
Conc: 21.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.562 min
Delta R.T.: -0.014 min
Response: 3009222
Conc: 21.58 ug/ml



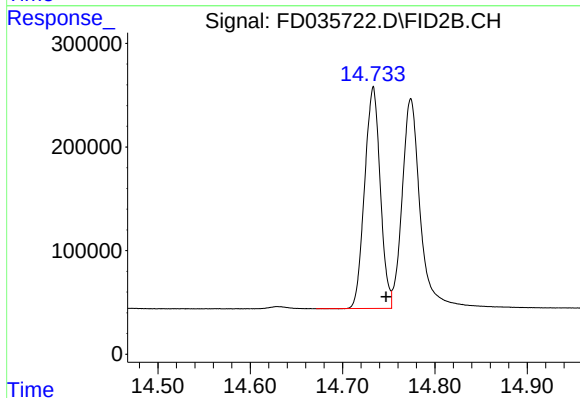
#13 Pyrene (C20.8)

R.T.: 12.859 min
Delta R.T.: -0.014 min
Response: 2842152
Conc: 20.99 ug/ml

Instrument :
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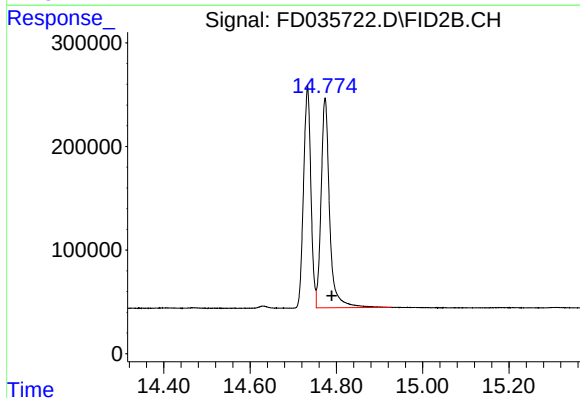
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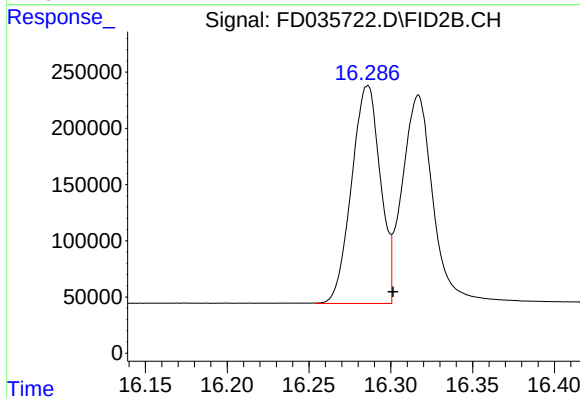
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.014 min
Response: 2511829
Conc: 21.60 ug/ml



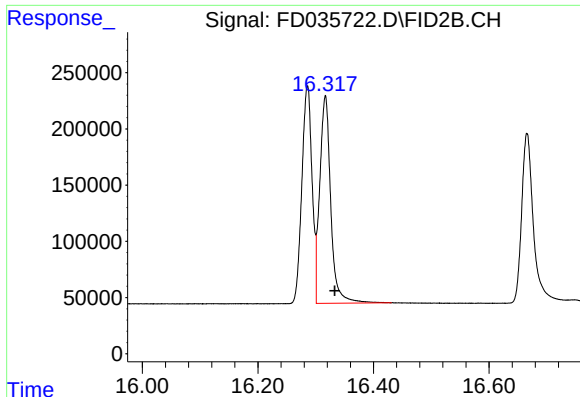
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.015 min
Response: 2795282
Conc: 21.87 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: -0.016 min
Response: 2387765
Conc: 22.07 ug/ml m



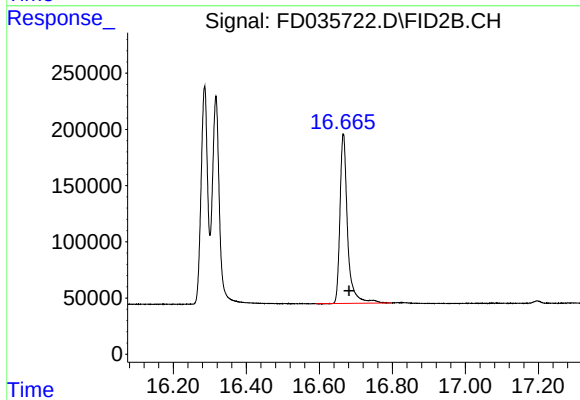
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: -0.016 min
Response: 2443255
Conc: 22.02 ug/ml

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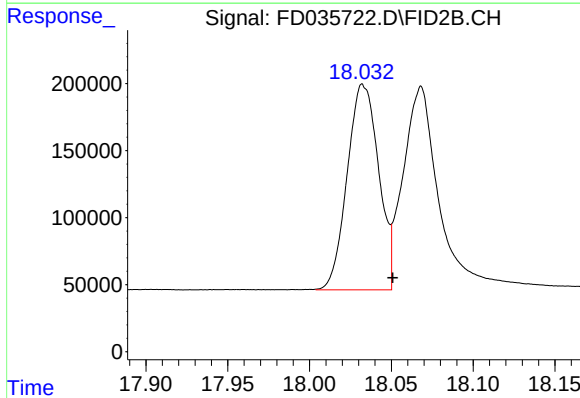
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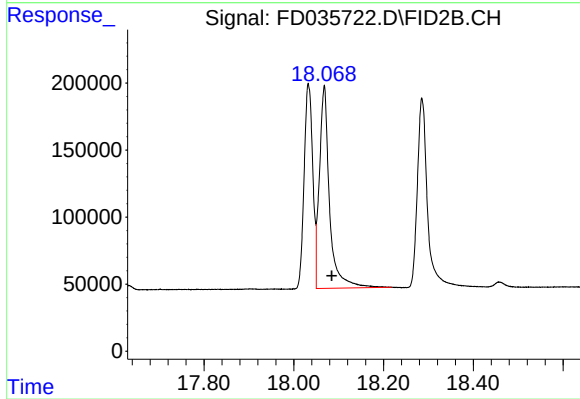
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.016 min
Response: 2179877
Conc: 22.11 ug/ml



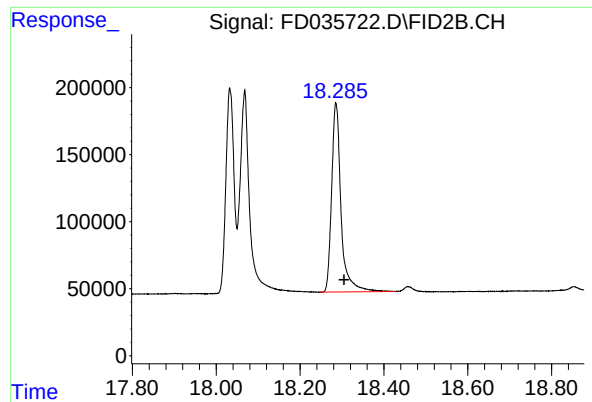
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.019 min
Response: 2069484
Conc: 21.39 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.068 min
Delta R.T.: -0.017 min
Response: 2371226
Conc: 22.99 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.286 min
Delta R.T.: -0.019 min
Response: 2198764
Conc: 22.20 ug/ml

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